

Message

From: Bradley, Kevin [bradleyke@missouri.edu]
Sent: 9/21/2020 10:42:56 PM
To: Jason Keith Norsworthy [jnorswor@uark.edu]; Chism, William [Chism.Bill@epa.gov]
Subject: Re: Cotton Weed Control Question: dicamba followed by glufosinate

Bill, I agree with Jason's thoughts. I don't really work any in cotton but if a grower has applied dicamba twice and it is still living, I think there is a high likelihood of resistance and/or they aren't likely to be able to spray much of anything else to control it.

Kevin

From: Jason Norsworthy <jnorswor@uark.edu>
Date: Monday, September 21, 2020 at 12:51 PM
To: "Chism, William" <Chism.Bill@epa.gov>, ALFRED Culpepper <stanley@uga.edu>, "Bradley, Kevin" <bradleyke@missouri.edu>, "Orlowski, John" <Orlowski.John@epa.gov>, "jmcginty@tamu.edu" <jmcginty@tamu.edu>
Subject: RE: Cotton Weed Control Question: dicamba followed by glufosinate

WARNING: This message has originated from an External Source. This may be a phishing expedition that can result in unauthorized access to our IT System. Please use proper judgment and caution when opening attachments, clicking links, or responding to this email.

Hi Bill,

If two applications are not controlling Palmer amaranth and the applications were made according to the previous label, I would first ask is it resistant. Regardless of density, two applications applied in a timely manner should control emerged Palmer amaranth. Postemergence applications of dicamba should be accompanied by a residual herbicide like Dual Magnum or Warrant and Liberty (glufosinate) would be applied to control plants that escape earlier control.

You may want to reach out to Larry Steckel. I know he seems to be dealing with dicamba failures on a somewhat routine basis in Tennessee these days.

Regards,
Jason

Jason Norsworthy, PhD
Distinguished Professor and Elms Farming Chair of Weed Science
1366 West Altheimer Dr.
Fayetteville, AR 72704
Mob: [REDACTED] PII

From: Chism, William <Chism.Bill@epa.gov>
Sent: Monday, September 21, 2020 11:22 AM
To: Jason Keith Norsworthy <jnorswor@uark.edu>; Stanley Culpepper <stanley@uga.edu>; Bradley, Kevin <bradleyke@missouri.edu>; Orlowski, John <Orlowski.John@epa.gov>; jmcginty@tamu.edu
Subject: Cotton Weed Control Question: dicamba followed by glufosinate

Hi Jason, Joshua, Kevin, and Stanley

We are working on the benefits of dicamba used over the top on dicamba tolerant cotton and we have a what if question. If a user has a heavy population of Palmer amaranth and they have not been controlled after two applications of dicamba what should they try next? Would it be an application of glufosinate or is there another herbicide that might be recommended in your state? We are estimating a weed control budget using dicamba or alternatives and in some areas if they might need an additional trip through the field due to lack of control we were wondering what that might be.

Thank you. Bill and John

Bill Chism, Ph.D.
Senior Biologist
Biological and Economic Analysis Division
U.S. EPA/Office of Pesticide Programs
[REDACTED] PII [REDACTED] Cell phone while on telework
chism.bill@epa.gov

John Orlowski, Ph.D.
Agronomist
Biological Analysis Branch
Biological and Economic Analysis Division
Office of Pesticide Programs
US Environmental Protection Agency
206-999-9336